

Amulya Jain

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Education

UPES Dehradun, India	August 2023 - August 2027
Bachelors of Technology in CSE –AI & ML	CGPA: 9.27/10.0
Bright Moon Public School, Jaipur	April 2021 – May 2023
CBSE Higher Secondary Certificate	Percentage: 90.80/100.0
KPS Udaan, Jaipur	March 2019 – March 2021
CBSE Secondary School Certificate	Percentage: 96.50/100.0

Internship

Intern	June 2024 – July 2024
Institute for Research and Rural Development	Jaipur, India
<ul style="list-style-type: none">Organised educational and health awareness sessions in underprivileged communities Studied and analysed key social change seen and understand challenges before them Motivating them, boosting morale for education.Collaborated for educational sessions plantation drive programs for long-term community development and fostering social responsibility.	

Projects

Online Exam Portal

- Technologies Used** – Frontend - HTML, CSS, Bootstrap JS, Python (Backend library- Django, Django REST framework)
- Implements a responsive website and the functioning of an Online Exam Platform that performs various functions like conducting time bound tests, add, updating and deleting of questions, subjects or topics.

AI based Tic Tac Toe Game

- Technologies Used** – Python (libraries: Pandas, NumPy, GUI – Tkinter), File Handling
- Implements the GUI based functioning of a Tic Tac Toe Game that utilizes backtracking Min-Max Algorithm to take best decision to either win or draw the game.
- Displays the result and plots pie graph of win percentage of user and computer based on scores.

AIML based Price Prediction

- Technologies Used** – Frontend – Flutter, Backend – NodeJS, Python (libraries: NumPy, Pandas, Machine Learning – scikit-learn)
- Implements ARIMA model for Time Series based data analysis along with Regression based Model which predicts prices of pulses' crops
- Collaborated with a team of six members during Smart India Hackathon 2024 to implement this project.

Skills

Programming languages: C, C++, Python3, JavaScript
Soft Skills: Communication, Leadership and Teamwork
Frameworks: Django, Django REST Framework
Version Control: Git, GitHub

Web Technologies: HTML5, CSS3, Bootstrap
Databases: MySQL

Technical Certifications

- Postman API student Expert Certification, Postman
- Supervised Machine Learning: Regression and Classification, Coursera

- Learn C, Codechef
- Learn Python and Logic Building, Codechef

Position of Responsibility

Technical Core, Association for Computation Machinery (ACM & ACM-W), UPES 2023 – Present

- Coordinated and volunteered as technical member for Prodigy'24 Fest.
- Communicated project status, requirements and deadlines to Technical Heads.

Technical Core Member, Cloud and Security Alliance (CSA), UPES 2024 - Present

- Secured 2nd Position overall by Developing redesigned UPES website as a part of their Self Development Series.
- Developer and Contributor in developing CSA website.

Core Member, Google Developers Group on Campus (GDG), UPES 2024 – Present

- Speaker, Conducted and managed technical session on Git, GitHub and Open-Source development event at UPES.

Accomplishments & Recognition

- Achieved **5 stars** in Python 2023
4 stars in C
3 stars in C++
3 Stars in **Problem Solving** in Hackerrank.
Solved over 500 Problems & Achieved **rating of 1111** in Starters Contest on **Codechef**.
- **Winning Team** in Internal Hackathon round of **Smart India Hackathon** 2024
- **Champion Rank**, Open-Source Contributor, **Girl Script Summer of Code (GSSoC) Extd.** 2024
- Awarded Certificate for successfully participated in **4-week long Machine Learning Bootcamp** by HyperVision, UPES 2024
- Awarded Certificate for successfully participated in 4-day long **Drone Technology Bootcamp** by NIT Kurukshetra and UPES 2017